00h02F "0T662260

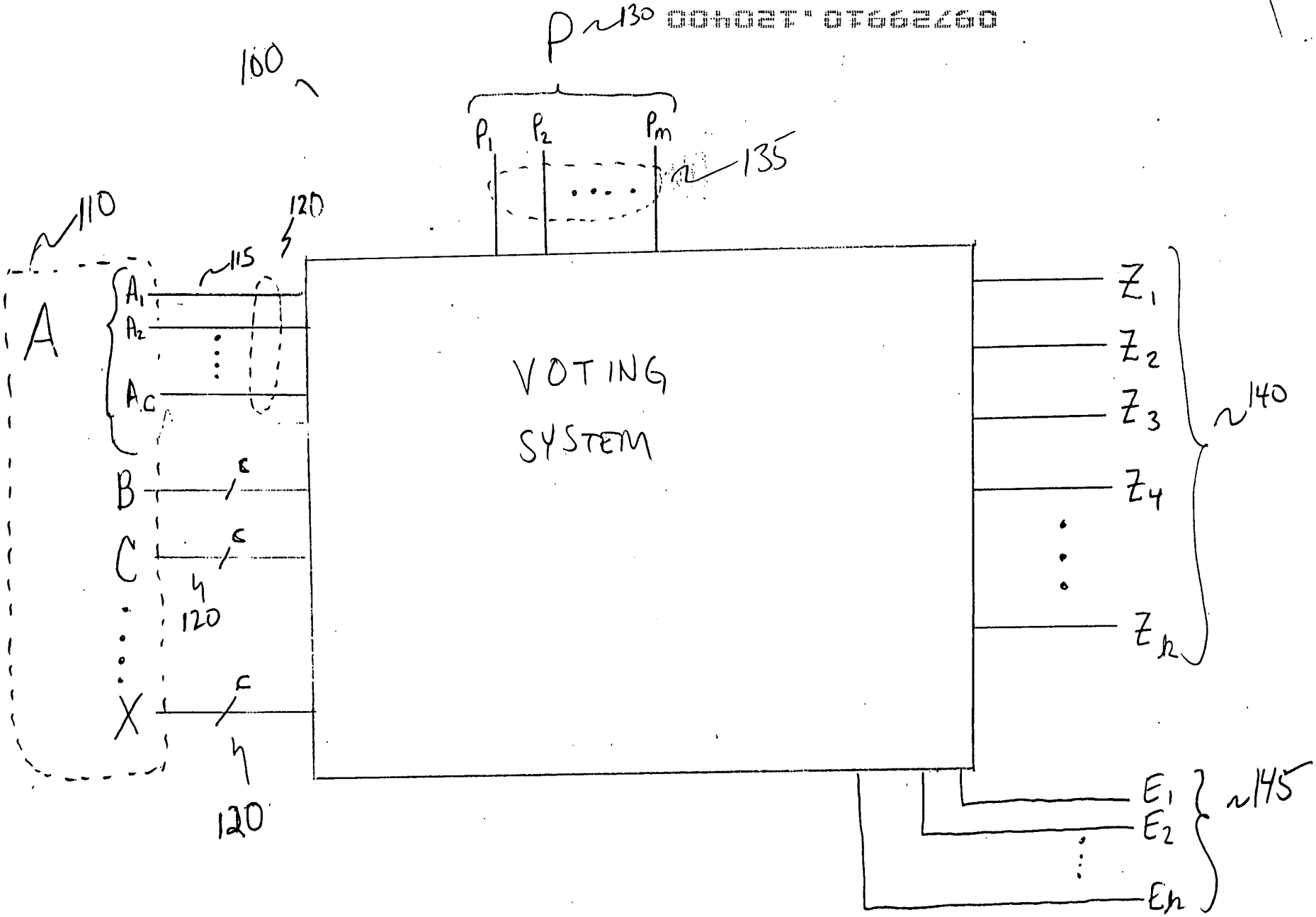

FIG 1

Docket: 0166260

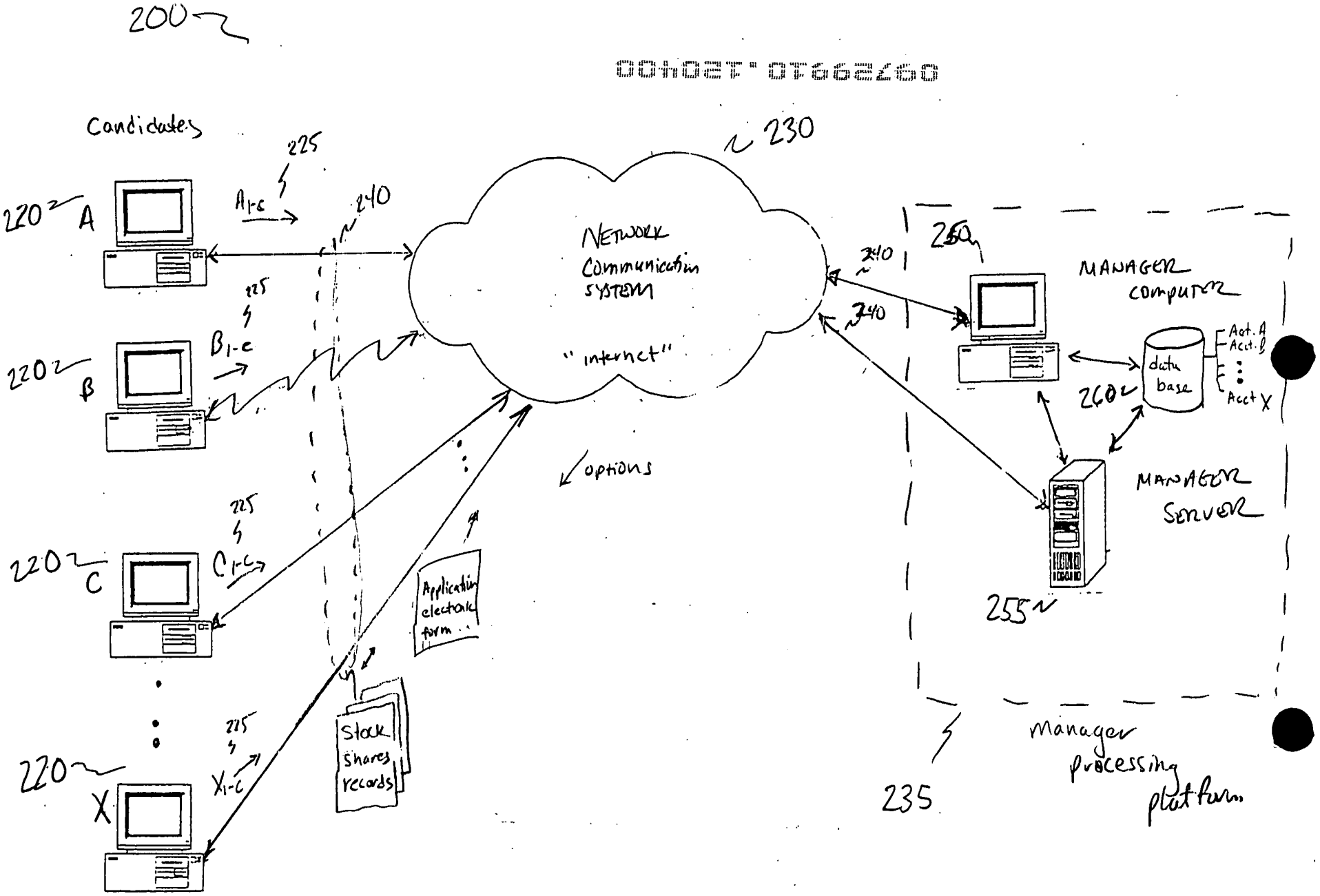

FIG 2

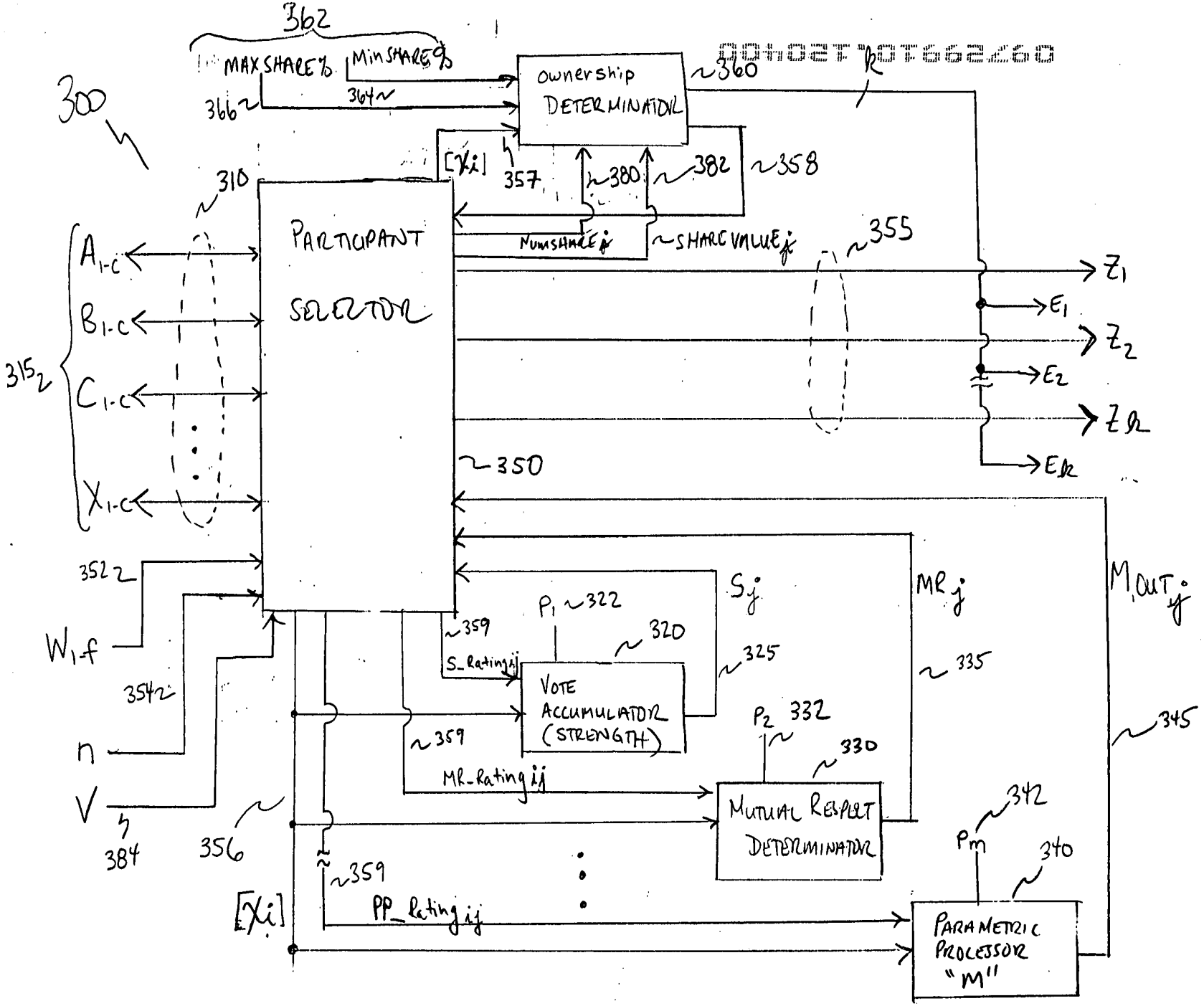
362
MAXSHARE%
MINSHARE%
366
364
300
OWNERSHIP DETERMINATOR
360
k
[Xi]
357
380
382
358
310
PARTICIPANT SELECTOR
NUMSHARES j
SHARE VALUE j
355
A 1-C
B 1-C
C 1-C
X 1-C
315 2
Z 1
E 1
Z 2
E 2
Z k
E k
350
352 2
W 1-f
354 2
n
V
384
356
P 1
322
320
S j
MR j
M OUT j
359
S_Rating ij
VOTE ACCUMULATOR (STRENGTH)
325
335
345
P 2
332
330
MR_Rating ij
MUTUAL RESPECT DETERMINATOR
342
P m
340
[Xi]
PP_Rating ij
PARAMETRIC PROCESSOR "M"

FIGURE 3

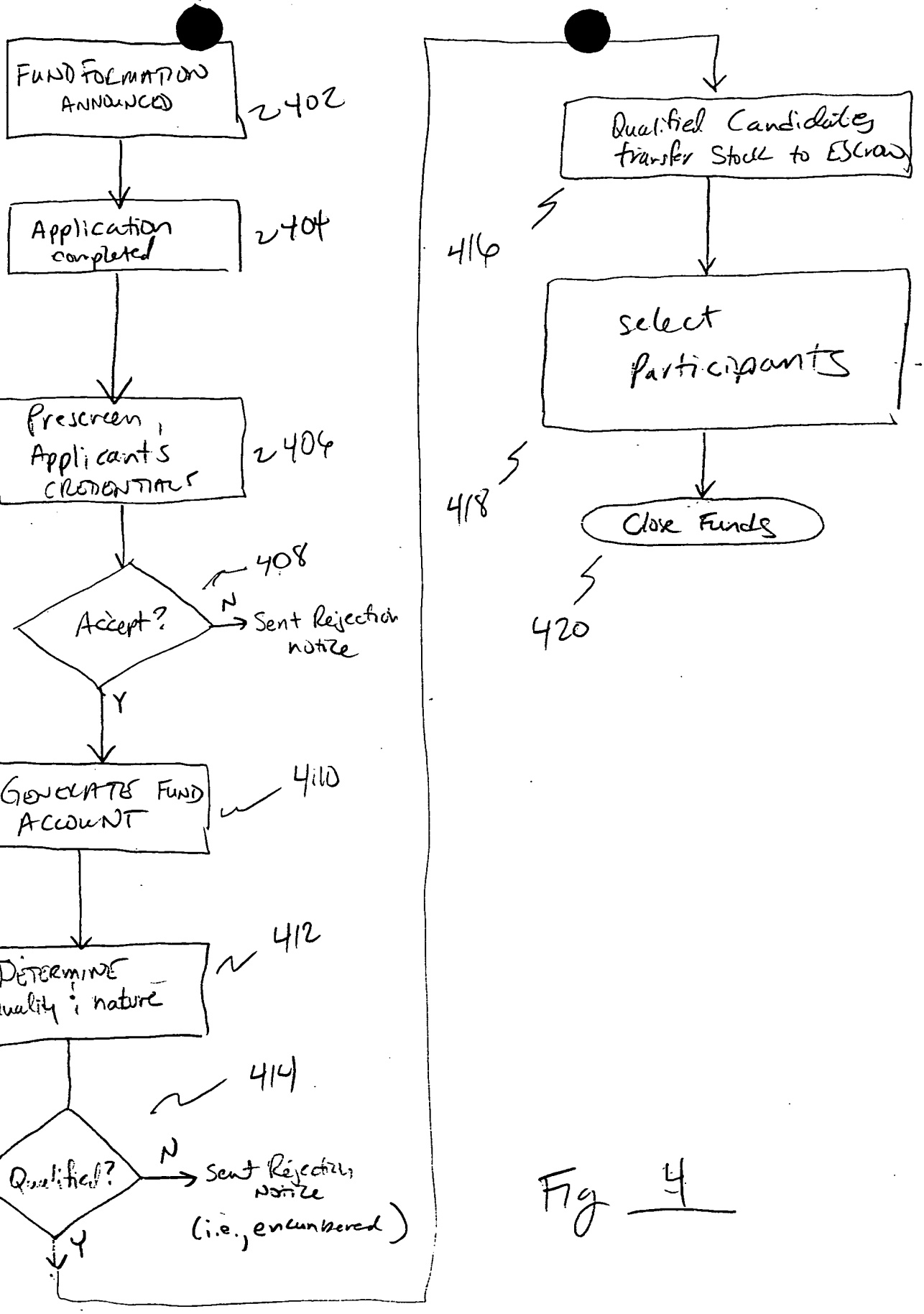
FUND FORMATION ANNOUNCED
402
Application completed
404
Prescreen Applicants CREDENTIALS
406
Accept?
408
N
Sent Rejection notice
Y
GENERATE FUND ACCOUNT
410
DETERMINE Quality ; nature
412
Qualified?
414
N
Sent Rejection notice
(i.e., encumbered)
Y
Qualified Candidates transfer Stock to ESCrow
416
select Participants
418
Close Funds
420

Fig 4

$$S_{ij} = \begin{vmatrix} 0 & S_Rating_{12} & S_Rating_{13} & \cdots & S_Rating_{1N} \\ S_Rating_{21} & & & & \\ S_Rating_{31} & & & & \\ \vdots & & & & \\ S_Rating_{N1} & & & & 0 \end{vmatrix}$$

505

$$MR_{ij} = \begin{vmatrix} 0 & MR_Rating_{12} & \cdots & MR_Rating_{1N} \\ MR_Rating_{21} & & & \\ MR_Rating_{31} & & & \\ \vdots & & & \\ MR_Rating_{N1} & & & 0 \end{vmatrix}$$

510

$$X_i = \begin{vmatrix} X_1 & X_2 & X_3 & X_4 & \cdots & X_n \end{vmatrix}$$

515

Fig 5

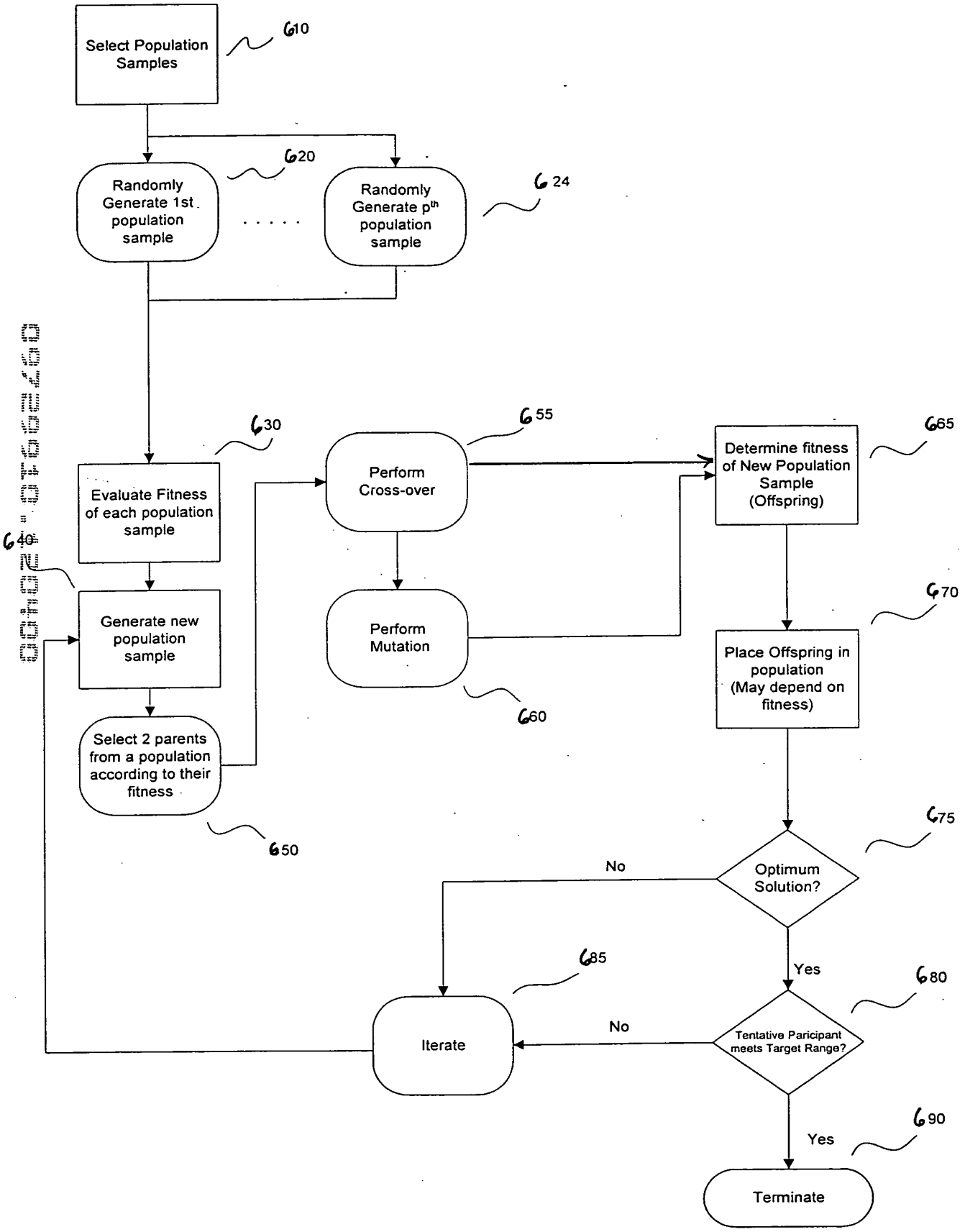
Select Population Samples
610
Randomly Generate 1st population sample
620
Randomly Generate p^th population sample
624
Evaluate Fitness of each population sample
630
Generate new population sample
640
Select 2 parents from a population according to their fitness
650
Perform Cross-over
655
Perform Mutation
660
Determine fitness of New Population Sample (Offspring)
665
Place Offspring in population (May depend on fitness)
670
Optimum Solution?
675
No
Yes
Iterate
685
Tentative Paricipant meets Target Range?
680
No
Yes
Terminate
690

FIG 6